



Intercontinental Terminals Company (ITC) Fire Update
Deer Park, Texas
June 10, 2019 00:00 – June 16, 2019 23:59

Incident Management Objectives:

Objective 1: Ensure the health and safety of the public and response personnel.

Objective 2: Establish an incident management structure and processes employing the Incident Command System to enable effective overall management of the event with deployment of resources (staff and equipment) in a rapid, focused and well-coordinated manner.

Objective 3: Encourage a collaborative federalism approach, where Federal, State, Tribal, and local governments interact cooperatively and collectively to solve common problems.

Objective 4: Take actions to assess the on-site and off-site impacts during the emergency response phase of this incident. Provide this information to state and local authorities to assist them in their decision to protect the local citizens.

Objective 5: Conduct activities to prevent off-site releases from the ITC Tank Farm.

Objective 6: Respond to, mitigate and recover off-site releases from the ITC Tank Farm.

Objective 7: Maintain open communication with Regional management

Incident Overview:

On March 17, 2019, an above ground storage tank containing Naphtha, caught fire at the Intercontinental Terminals Company (ITC), LLC facility in Deer Park Texas. The impacted ITC facility tank farm consists of 15 80,000-barrel capacity above ground storage tanks containing petroleum products including Naphtha, Xylene, Toluene, Gasoline Blendstock, and Base Oil. Eleven of the 15 80,000-barrel capacity above ground storage tanks on site were involved in the fire, resulting in the release of contaminants into the atmosphere, as well discharging the contents of the tanks to the drainage pathway. Firefighting water and foam potentially containing tank products were released from an outfall due to accumulation of water from firefighting efforts. Various firefighting organizations assisted in putting out the fire utilizing a variety of firefighting foams.

A partial breach of the tank farm containment wall on the north side near Tank 80-7 occurred at approximately 12:00 pm on March 22, 2019, to the ditched area and into Tucker Bayou. Additional boom was placed along the ditch leading to Tucker Bayou and Buffalo Bayou (Houston Ship Channel). ITC rebuilt the containment wall using clay material.

At approximately 3:40 pm on March 22, 2019, three tanks reignited. The fire spread from the containment area through the breached containment wall into the ditch along Tidal Road. Foam was applied to the tanks and the ditch to extinguish the fire.

As a result of the fire, nine of the fifteen oil tanks had been burned and collapsed. One of the tanks had been burned and damaged, but not completely collapsed. Two tanks had become overheated and smoked but were not significantly damaged. Four of the tanks had smoked but did not burn. It is possible that all fifteen tanks were impacted to varying extent by the incident.

During and after the fire and the breach of the secondary containment, several readings of benzene above 1.0 parts per million (ppm) were detected (highest was 16.5 near National Tank Services) by the various entities conducting air monitoring.

EPA created the EPA website response.epa.gov/ITCTankFire on March 17, 2019 and began sharing information with the public. EPA and the Texas Commission on Environmental Quality (TCEQ) posted the Story Map Resource Interactive tool for the ITC incident. The Story Map provides easy access for EPA and TCEQ incident data.

Executive Overview:

- ITC has completed the treatment and discharge of the initial volume of wastewater in Tank 80-34, which was authorized by the April 17, 2019, EPA authorization. The EPA Authorization to Discharge is complete, and EPA is notifying the facility as such, that continued use of their wastewater treatment plant and discharges fall under their normal Texas Pollutant Discharge Elimination System permit.
- Deconstruction of tanks 80-15, -14, -13, -10 and -07, the five tanks expected to have the greatest issues with air emissions, have been completed. Tank deconstruction will resume today.
- EPA and TCEQ are currently planning to transition the site oversight from emergency response to state remediation on June 19, 2019.

Land Operations:

- The table will reflect the most recent status during the tank deconstruction process:

Tank Status	Tank No.
Complete & Clean – No further action (NFA) needed	80-1, 80-4, 80-9, 80-11,
Complete – NFA possible until deconstruction begins	80-2, 80-3, 80-5, 80-6, 80-8, 80-12
Ongoing Deconstruction Operations	
Complete – NFA following Deconstruction	80-15, 80-14, 80-13, 80-10, 80-7

Water Operations:

- All water recovery operations have ceased, with patrol and monitoring on-going.
- As of May 20, 2019, the Unified Command (UC) has signed out all shoreline segments except Tucker Bayou (B14b), which will be addressed by long term remediation with planned oversight by TCEQ. SCAT has no plans to inspect Tucker Bayou (shoreline segment B14a) until tasked by TCEQ.
- As of June 2, 2019, all deconned equipment had been removed from the decon area.

Division	Total Shoreline Length (mi)	Total Length of Shoreline Meeting SCAT End Points or Assigned NFT*	Total Length of Shoreline with UC Sign-off (mi)
A	10.25	10.25	10.25
B	7.82	6.95	6.95
C	27.84	27.84	27.84
D	17.82	17.82	17.82
South & East of D	23.22	23.22	23.22
Total	86.95	86.08	86.08

- As of May 31, 2019, total volume of incident related impact liquids is 919,904 bbl. This includes volumes in barges and tanks and stormwater from the 2nd 80's tank farm.

Coordination with State Agencies:

On March 17, 2019, in response to a tank fire at the ITC Deer Park facility, federal, state and local agencies joined ITC in a Unified Command response. Multiple agencies including the United States Coast Guard, TCEQ, and Harris County Pollution Control Services supported the response effort.

EPA Resources (as of Sunday, June 2, 2019):

Personnel	EPA R6 Dallas	ITC Deer Park	Total
EPA Region 6	3	0	3
EPA Non-Region 6	0	0	0
START	1	0	1
Other Contractors	0	0	0
Total	4	0	4

EPA OSC and START demobilized at the end of the day on May 23, 2019. EPA and TCEQ are currently planning to transition the site oversight from emergency response to state remediation on June 19, 2019.